# SUMMER SCHOOL in COSMOLOGY and ASTROPARTICLE PHYSICS

# 28 June - 10 July 2004

# Abdus Salam ICTP - Trieste

# **GUIDELINES FOR REQUESTING PARTICIPATION**

## GENERAL

- Scientists and students from all countries which are members of the United Nations, UNESCO or IAEA may attend the activity.
- Participants must have an adequate working knowledge of English.
- Although the main purpose of the Centre is to help research workers from developing countries, students and post-doctoral scientists from developed countries are also welcome to attend.
- There is no registration fee to be paid.

# FINANCIAL SUPPORT

- May be requested only by candidates who are nationals of, and working in, a developing country, and who are not more than 45 years old.
- Limited funds are available for a few participants, to be selected by the Organizers, and who accept to attend the entire activity.

# **REQUEST FOR PARTICIPATION**

The Application Form should be completed and returned before 20 March 2004 to:

Summer School in Cosmology and Astroparticle Physics (smr 1568 - c/o Ms. Rosanna Sain) the Abdus Salam International Centre for Theoretical Physics Strada Costiera 11, 34014 Trieste, Italy.

or

*smr* **1568@ictp.trieste.it** (please save and send file attachments in RTF format)

SCHOOL SECRETARIAT	Telephone:	+39-040-2240231
	Telefax:	+39-040-2240304
	E-mail:	smr1568@ictp.trieste.it
	<b>ICTP Home Page:</b>	http://www.ictp.trieste.it/
	School Home Page:	http://agenda.ictp.trieste.it/smr.php?1568

#### UNITED NATIONS EDUCATIONAL, SCIENTIFIC AND CULTURAL ORGANIZATION and INTERNATIONAL ATOMIC ENERGY AGENCY

#### the ABDUS SALAM INTERNATIONAL CENTRE FOR THEORETICAL PHYSICS

Strada Costiera 11 I-34014 Trieste Italy

+39-040-2240231 Telephone: +39-040-2240304 Telefax: E-mail: smr1568@ictp.trieste.it

## **APPLICATION FORM**

#### SUMMER SCHOOL IN COSMOLOGY AND ASTROPARTICLE PHYSICS

28 June - 10 July 2004

#### THE AGE LIMIT FOR PARTICIPANTS IS 45 YEARS

**INSTRUCTIONS** 

Each question must be answered clearly and completely. Type or print in ink. If more space is required, attach additional pages. This form should be completed, signed and forwarded to: the Abdus Salam International Centre for Theoretical Physics, Summer School in Cosmology and Astroparticle Physics (smr 1568 - c/o Ms.Rosanna Sain), Strada Costiera 11, I-34014, Trieste, Italy, to arrive no later than 20 March 2004 or to smr1568@ictp.trieste.it (please save file attachments in RTF format).

A recent photograph of the candidate should be attached here, signed legibly on the reverse.

NOTE: This request will be processed **only** if the permanent address (and present address, if different) is clearly indicated. The ICTP cannot process any visa request, unless all requested personal data are provided.

#### PERSONAL DATA

SURNAME/FAMILY Name:

Place of birth (City and Country):

MAIDEN Name: *For women only (if applicable)*  First name: Middle name(s): Sex:

#### **IMPORTANT:** PLEASE ALSO COMPLETE THIS SECTION, IF YOUR NAME(S) IN YOUR PASSPORT ARE SPELT DIFFERENTLY FROM THE ABOVE. SURNAME/FAMILY Name: MAIDEN Name:

Present nationality:

For women only (if applicable)

First name:

Institute:

Your Office:

E-mail: \*

Middle name(s):

Date of birth:

		Day - Month - Year	
Full name & address of permanent Institution:	Institute:	Tel. N°	
-		Telefax	
	Your Office:	Tel. N°	
		Telefax	
	E-mail: *		

Full name & address of present Institution : *(if different from permanent)* 

until: Date .....

Home address:

Tel. N°

Tel. N°

Telefax

Tel. N° Telefax:

Mailing address - please indicate whether:	Permanent	Present	Home	
Name and address of person to notify in case	of emergency - Re	elationship:	Tel. N°	

YES  $\Box$ I agree that my e-mail address(es) may be made public on the ICTP WWW page:

Years	attended
from	to

Degrees

Participation in seminars, summer schools, conferences

Name and place

Year

<u>Academic</u> responsibilities

#### SCIENTIFIC EMPLOYMENT AND ACADEMIC RESPONSIBILITY

Research Institution or University	Period of dut	y
Name and place	From to	,

Present employment and duties:

Have you participated in past ICTP activities? If yes, which?	Yes	No
Are you applying to any other 2004 ICTP activities? If yes, which?	Yes	No

Mention briefly your previous research experience, and explain your reasons for wishing to participate in this activity:

**NB**: Our Scientific Information System keeps track of <u>all</u> applications made by the candidate to earlier ICTP activities. As a consequence, when the subject of the present activity is far from your previous applications, an explanation (not more than 200 words) of your change of interest should be included.

### 10. PHYSICS OF CONDENSED MATTER

- 11. Solid State Physics
- 12. Atomic and Molecular Physics
- 13. Materials Science
- 14. Surfaces and Interfaces
- 15. Statistical Physics
- 16. Computational Physics in Condensed Matter

#### 20. PHYSICS OF HIGH AND INTERMEDIATE ENERGIES

- 21. High Energy and Particle Physics
- 22. Relativity, Cosmology and Astrophysics
- 23. Plasma Physics
- 24. Nuclear Physics

### **30. MATHEMATICS**

- 31. Applicable Mathematics, including: *Mathematical Ecology, Systems Analysis Mathematical Economy Mathematics in Industry*
- 33. Algebra
- 34. Geometry
- 35. Topology
- 36. Differential Equations
- 37. Analysis
- 38. Mathematical Physics

### 40. PHYSICS AND ENERGY

- 41. Physics of Nuclear Reactors
- 42. Physics of Controlled Fusion
- 43. Non-Conventional Energy (Solar, Wind & others)
- 44. Nuclear Energy related technologies

#### 50. PHYSICS AND ENVIRONMENT

- 51. Solid Earth Geophysics
- 52. Soil Physics
- 53. Climatology and Meteorology
- 54. Physics of the Oceans
- 55. Physics of Desertification
- 56. Physics of the Atmosphere, Troposphere, Magnetosphere, Aeronomy
- 57. Environmental Monitoring and Remote Sensing

### 60. PHYSICS TEACHING

- 61 English
- 62. French
- 63. Spanish
- 64. Arabic

#### 80. MISCELLANEOUS

- 81. Others
- 82. Digital Communications & Computer Networking
- 83. Quantum Computation, and related

#### 90. PHYSICS OF THE LIVING STATE

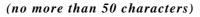
- 91. Neurophysics
- 92. Biophysics
- 93. Medical Physics

### **AO. APPLIED PHYSICS**

- A1. Physics in Industry
- A2. Microelectronics
- A3. Fibre Optics for Communications
- A4. Instrumentation
- A5. Synchrotron Radiation
- A6. Non-destructive Evaluation
- A7. Lasers
- AA. Applied Superconductivity

### **B1. SPACE PHYSICS**

Kindly supply (**strictly within indicated lengths**) a keyword description of your current scientific activities, as follows:



List your scientific publications including books and articles (authors, title, Journal) in the last two years:

It would be of assistance to the Selection Committee if this request for participation were accompanied by a letter of recommendation, <u>especially for junior physicists</u>.

Kindly state any positions you hold in the scientific administration of your Institution or any of the national scientific Institutions.

Indicate below your proficiency in the English language								
Reading:	Good Average Poor		Writing:	Good Average Poor		Speaking:	Good Average Poor	

# **REQUEST for Financial Assistance**

APPLICABLE ONLY TO CANDIDATES WHO ARE NATIONALS OF, AND WORKING IN, A DEVELOPING COUNTRY, AND WHO ARE NOT MORE THAN 45 YEARS OLD.

(**Important**: Owing to limited funds, support for travel will be granted only in exceptional cases. Therefore, every effort should be made by applicants to secure support for their fare (or at least a partial contribution) from their home country).

### (Please tick ONE box only)

Full Travel + Subsistence		Subsistence only
Half Travel + Subsistence		No financial support requested
		if granted funds for my l attend the whole activity
	Signature	

I certify that the statements made by me above are true and complete. If accepted, I undertake to refrain from engaging in any political or other activities which would reflect unfavourably on the international status of the ICTP. I understand that any breach of this undertaking may result in the termination of the arrangements relating to my visit at the Centre.